

FIG. 2

**THE** **WORLD'S** **GREATEST** **TRAVEL** **AGENCY**

Element	Format	Size	Description
subscriber_id	Numeric		CSG assigned unique ITV key identifying a subscriber/account.
subscriber_state	Literal	10	Subscriber account state (ACTIVE, SUSPENDED).
subscriber.name.last	Alpha		Subscriber's last name.
subscriber.name.first	Alpha		Subscriber's first name.
subscriber.address.street1	A/N		Subscriber residence street1.
subscriber.address.street2	A/N		Subscriber residence street2.
subscriber.address.city	A/N		Subscriber residence city.
subscriber.address.state	A/N	2	Subscriber residence state.
subscriber.address.zip	A/N	10	Subscriber residence postal zip code.
subscriber.headend.id	A/N		Identifier specifying to which headend a subscriber is connected
subscriber.headend.node	A/N		Identifies to which node on a headend a subscriber is connected.
subscriber.service.type	A/N	16	A subscriber service type.
subscriber.service.level	A/N	16	A subscriber service level.
service_group	Numeric		The service server infrastructure defined service group associated with the subscriber.
MSTV_subscriber_id	Numeric		The service server infrastructure defined unique key associate with the subscriber.

FIGURE 4

Element	Format	Size	Description
user_id	Numeric		ITV PM Unique key identifying a user.
user.state	Literal	10	User state (ACTIVE, SUSPENDED)
user.type	Literal	10	Type of user (MASTER, HOUSEHOLD, NORMAL).
user.name.last	Alpha		User's last name.
user.name.first	Alpha		User's first name.
user.alias	Alpha		User's alias (e.g. "Dad", "Mom") which must be unique only within a household/subscriber.
user.pin	Numeric	8	User's personal identification number which is used for authentication with the ITV system.
user.email.id	A/N		User's email address, fully qualified (e.g. <u>smith@att.net</u> )
user.email.password	A/N		User's email password, used to authenticate with mail and related services.
user.calendar.id	A/N		User's calendar id. For FCS this will be the same as the email id.
user.calendar.password	A/N		User's calendar password, used to authenticate with the calendar service.
user.address_book.id	A/N		Unique address book identifier.
user.service.type	A/N	16	A subscriber service type.
user.service.level	A/N	16	A subscriber service level.
MSTV_user_id	Numeric		The service server infrastructure defined unique key associated with the user.

[illegible]

Element	Format	Size	Description
astb_id	A/N		ITV PM Unique set-top box key
astb.unit_address	A/N		Motorola/GI unique “Unit Address”
astb.MAC_address	A/N	17	Motorola/GI unique MAC address for ASTB CPE
MSTV_device_id	Numeric		Service server infrastructure defined unique key associated with the step-top box

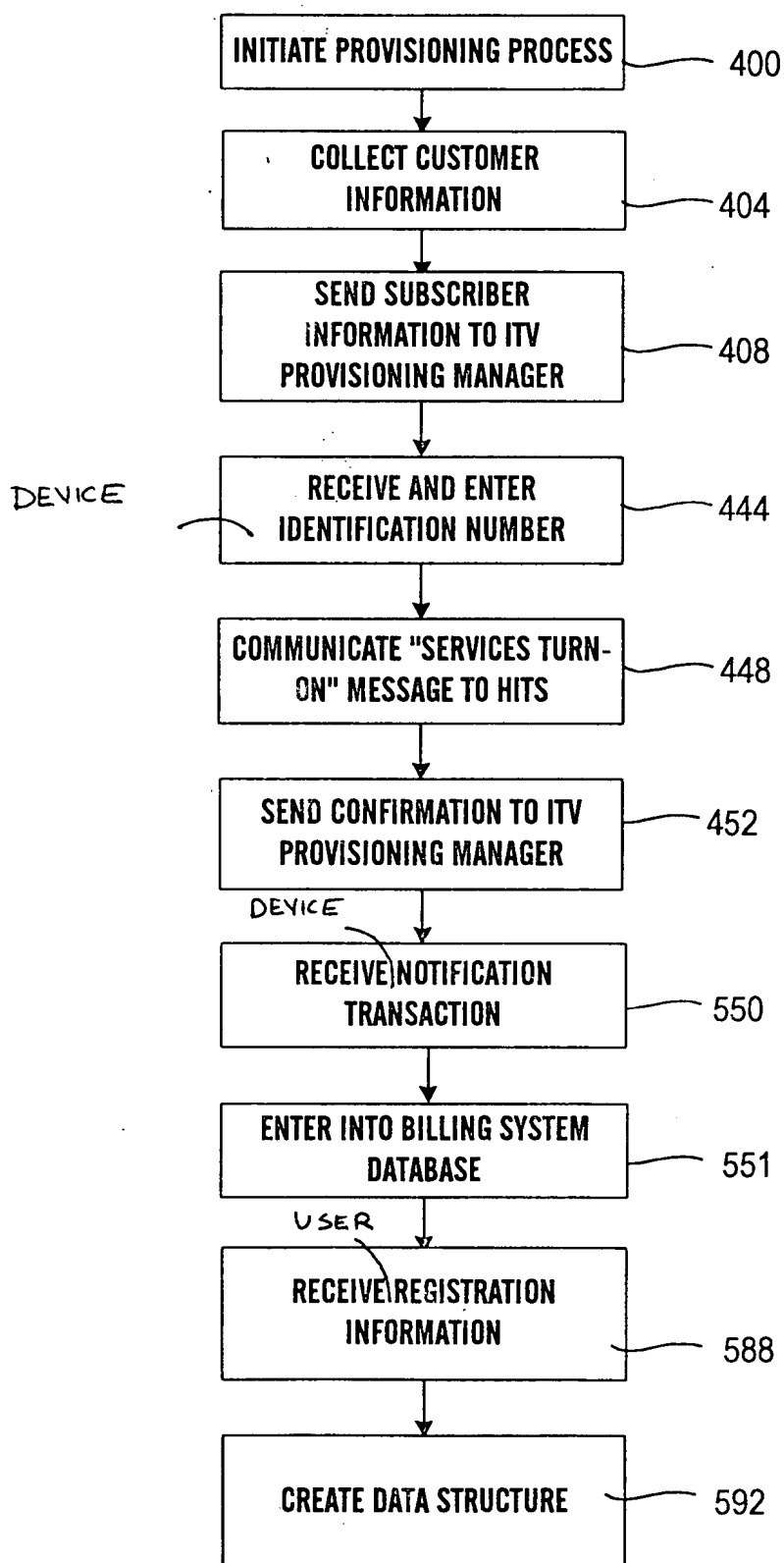
[illegible]

FIG. 6

```
graph TD; 412[RECEIVE AND RECORD SUBSCRIBER INFORMATION] --> 416[FORWARD SUBSCRIBER INFORMATION TO IP PROVISIONING SYSTEM]; 416 --> 420[FORWARD SUBSCRIBER INFORMATION TO PRE-REGISTRATION SERVER]; 420 --> 436[RECEIVE IDENTITY OF SERVER INFRASTRUCTURE]; 436 --> 440[ENTER SERVER INFRASTRUCTURE IDENTITY INTO DATA STORAGE]; 440 --> 456[RECEIVE CONFIRMATION]; 456 --> 460[ENTER CONFIRMATION INTO DATA STORAGE]; 460 --> 540[RECEIVE NOTIFICATION TRANSACTION]; 540 --> 544[SEND NOTIFICATION TRANSACTION TO BILLING SYSTEM]; 544 --> 548[SEND NOTIFICATION TRANSACTION TO SERVER INFRASTRUCTURE];
```

RECEIVE AND RECORD SUBSCRIBER INFORMATION 412

FORWARD SUBSCRIBER INFORMATION TO IP PROVISIONING SYSTEM 416

FORWARD SUBSCRIBER INFORMATION TO PRE-REGISTRATION SERVER 420

RECEIVE IDENTITY OF SERVER INFRASTRUCTURE 436

ENTER SERVER INFRASTRUCTURE IDENTITY INTO DATA STORAGE 440

RECEIVE CONFIRMATION 456

ENTER CONFIRMATION INTO DATA STORAGE 460

RECEIVE NOTIFICATION TRANSACTION 540

SEND NOTIFICATION TRANSACTION TO BILLING SYSTEM 544

SEND NOTIFICATION TRANSACTION TO SERVER INFRASTRUCTURE 548

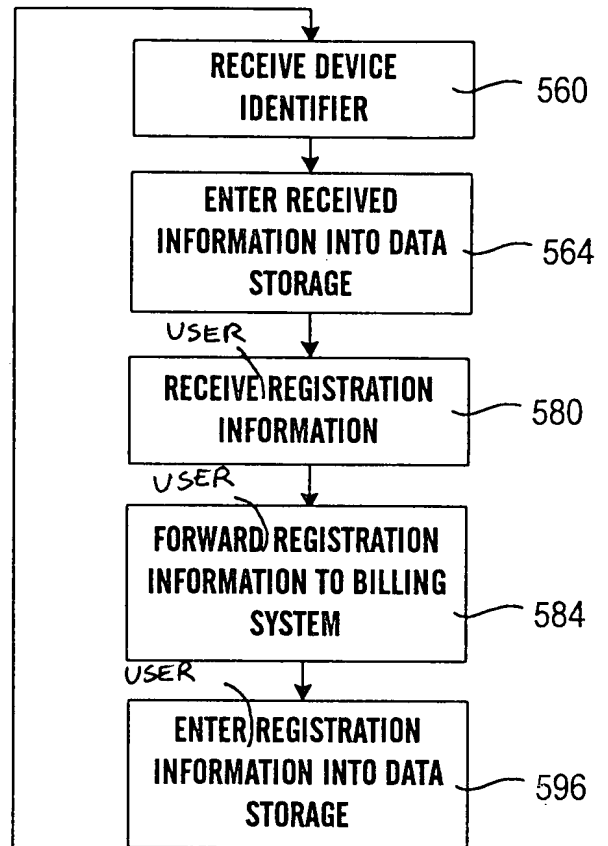


FIG. 7

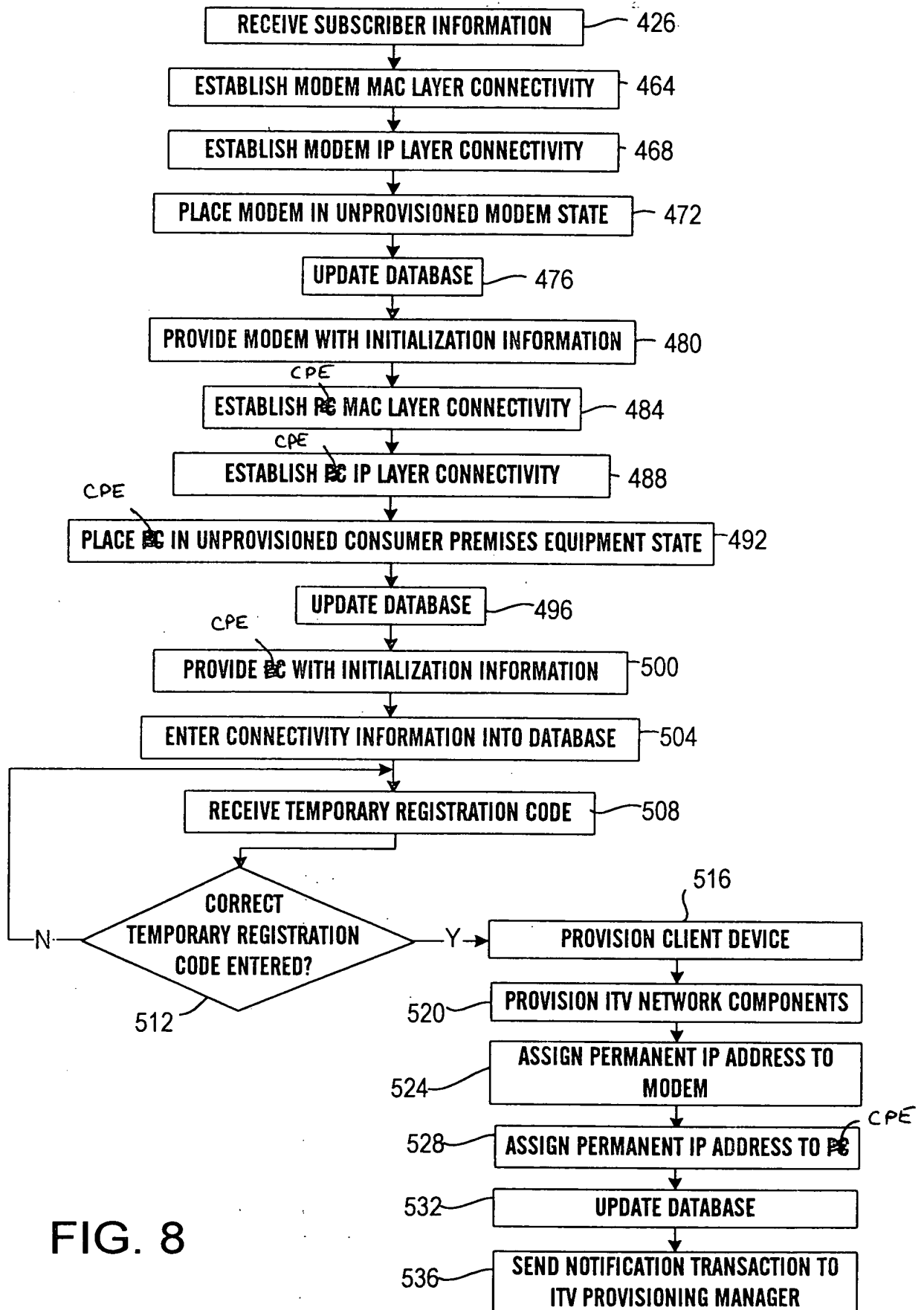


FIG. 8



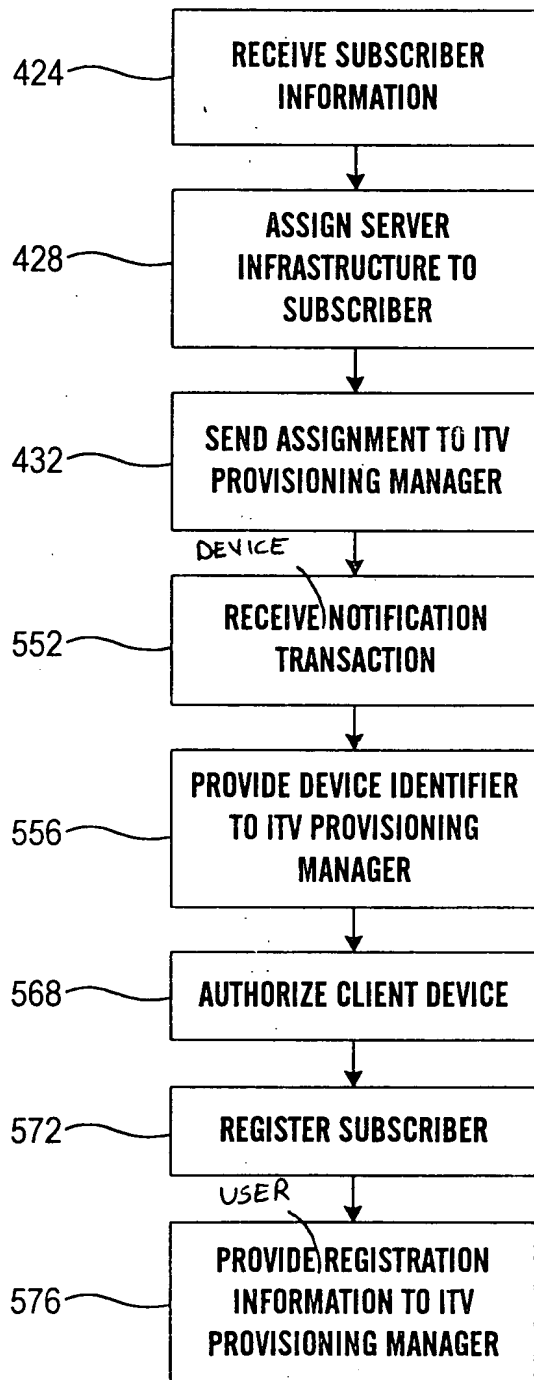
[illegible]

FIG. 9

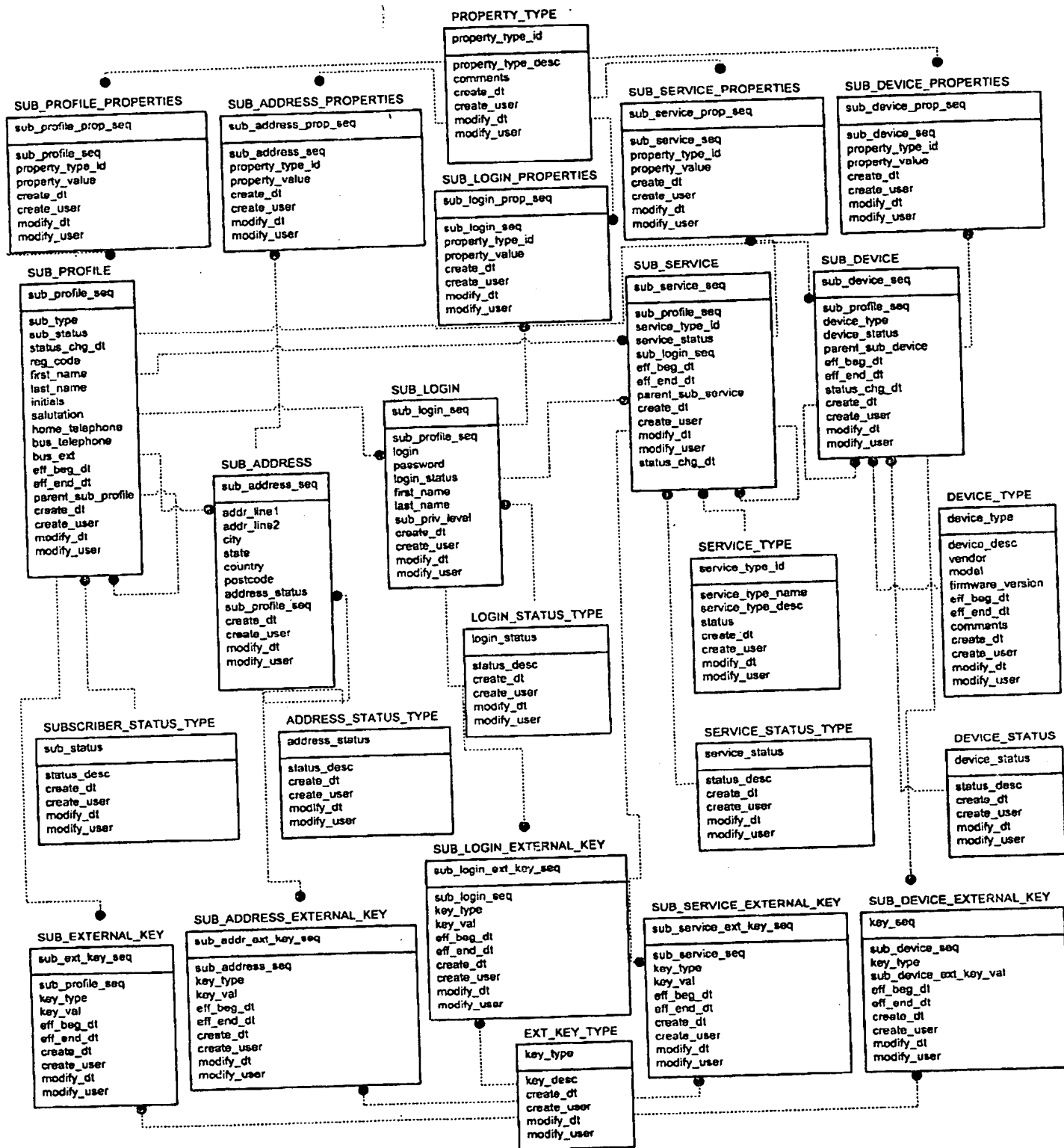


Figure 10